

OMB No. 0651-0011  
Page 1 of 1

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: 59343US003	Serial No.: 10/810,738
	Applicant(s): Louis C. HADDAD et al.	Confirmation No.: 9703
	Application Filing Date: 26 March 2004	Group: 1641
	Information Disclosure Statement mailed:	July 5, 2007

RECEIVED  
CENTRAL FAX CENTER

## U.S. PATENT DOCUMENTS

JUL 05 2007

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		None					

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		None						

## OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
/DV/	X	"CHES buffer" datasheet [online]. Gentaur, Brussels, Belgium, [retrieved on 2007-05-24]. Retrieved from the Internet:<URL: http://www.gentaur.com/nieuwe_pagina_22.htm>; 1 page.
/DV/	X	"CHES, Biological Buffer - Biological Buffer Compounds * 103-47-9" datasheet [online]. Scienclab.com, Inc., Houston, TX, 1997-2005 [retrieved on 2007-05-24]. Retrieved from the Internet:<URL: http://www.scienclab.com/page/S/PVAR/23006/SLC1912>; 1 page.
/DV/	X	"C2885 CHES>99% (titration)" datasheet [online]. Sigma-Aldrich Co., St. Louis, MO, 2007 [Retrieved on 2007-06-05]. Retrieved from the Internet:<URL: http://www.sigmaaldrich.com/catalog/search/ProductDetail/SIGMA/C2885>; 1 page.

<b>EXAMINER</b>  /David Venci/	<b>Date Considered</b>  09/17/2007
--------------------------------------	--

\* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JUL 05 2007

Substitute for form 1449A/PTO (revised)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 11

Application Number	10/810,738
Filing Date	March 26, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642 1641
Examiner Name	I.P. FREELY
Attorney Case Number	59343US003

## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
DV	A1	US- RE 34,910	04-18-1995	Funkenbusch et al.	
	A2	US- RE 36,811	08-08-2000	Markell et al.	
	A3	US- 4,153,661	05-08-1979	Ree et al.	
	A4	US- 4,373,519	02-15-1983	Errede et al.	
	A5	US- 4,399,235	08-16-1983	Raley, Jr. et al.	
	A6	US- 4,460,642	07-17-1984	Errede et al.	
	A7	US- 4,483,920	11-20-1984	Gillespie et al.	
	A8	US- 4,539,256	09-03-1985	Shipman	
	A9	US- 4,565,663	01-21-1986	Errede et al.	
	A10	US- 4,619,897	10-28-1986	Halo et al.	
	A11	US- 4,726,989	02-23-1988	Mrozniski	
	A12	US- 4,737,560	04-12-1988	Heilmann et al.	
	A13	US- 4,757,014	07-12-1988	Hendrickson et al.	
	A14	US- 4,780,367	10-25-1988	Lau et al.	
	A15	US- 4,810,381	03-07-1989	Hagen et al.	
	A16	US- 4,855,234	08-08-1989	Hendrickson et al.	
	A17	US- 4,906,378	03-06-1990	Hagen et al.	
	A18	US- 4,923,978	05-08-1990	McCormick	
	A19	US- 4,954,444	09-04-1990	Eveleigh et al.	
	A20	US- 4,957,943	09-18-1990	McAllister et al.	
	A21	US- 4,971,736	11-20-1990	Hagen et al.	
	A22	US- 5,010,183	04-23-1991	Macfarlane	
	A23	US- 5,011,861	04-30-1991	Coull et al.	
	A24	US- 5,015,373	05-14-1991	Carr et al.	
	A25	US- 5,019,232	05-28-1991	Wilson et al.	
	A26	US- 5,030,697	07-09-1991	Hugl et al.	
	A27	US- 5,071,610	12-10-1991	Hagen et al.	
↓	A28	US- 5,108,597	04-28-1992	Funkenbusch et al.	

\*Examiner:

Date Considered:

9/17/07

FVA-MICO - Initial reference consideration whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

Substitute for form 1449A/PTO (m. used)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 2 of 11

Application Number	10/810,738
Filing Date	March 26, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642
Examiner Name	
Attorney Case Number	59343US003

## U.S. Patent Documents

Exam. Init.	Cita No.	Document Number Doc. Number-(Kind Code If Known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DV	A29	US- 5,141,634	08-25-1992	Carr et al.	
	A30	US- 5,147,539	09-15-1992	Hagen et al.	
	A31	US- 5,182,016	01-26-1993	Funkenbusch et al.	
	A32	US- 5,183,705	02-02-1993	Birkholz et al.	
	A33	US- 5,187,068	02/16/1993	Becker et al.	
	A34	US- 5,187,083	02-16-1993	Mullis	
	A35	US- 5,200,471	04-06-1993	Coleman et al.	
	A36	US- 5,205,929	04-27-1993	Carr et al.	
	A37	US- 5,207,915	05-04-1993	Hagen et al.	
	A38	US- 5,234,809	08-10-1993	Boom et al.	
	A39	US- 5,238,621	08-24-1993	Hagen et al.	
	A40	US- 5,264,184	11-23-1993	Aysta et al.	
	A41	US- 5,271,633	12-21-1993	Funkenbusch et al	
	A42	US- 5,279,742	01-18-1994	Markell et al.	
	A43	US- 5,294,668	03-15-1994	Babu	
	A44	US- 5,328,758	07-12-1994	Markell et al.	
	A45	US- 5,334,316	08-02-1994	Bruening et al.	
	A46	US- 5,344,701	09-06-1994	Gagnon et al.	
	A47	US- 5,346,619	09-13-1994	Funkenbusch et al.	
	A48	US- 5,380,901	01-10-1995	Antonucci et al.	
	A49	US- 5,405,951	04-11-1995	Woodard	
	A50	US- 5,415,779	05-16-1995	Markell et al.	
	A51	US- 5,438,127	08-01-1995	Woodard et al.	
	A52	US- 5,438,128	08-01-1995	Nieuwkerk et al.	
	A53	US- 5,438,129	08-01-1995	Woodard et al.	
	A54	US- 5,451,453	09-19-1995	Gagnon et al.	
	A55	US- 5,464,541	11-07-1995	Aysta et al.	
▼	A56	US- 5,472,600	12-05-1995	Ellefson et al.	

\*Examiner:

Date Considered:

7/17/07

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

Substitute for form 1449A/PTO (modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 3 of 11

Application Number	10/810,738
Filing Date	March 26, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642
Examiner Name	
Attorney Case Number	59343US003

## U.S. Patent Documents

Exam. Init.	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
DV	A57	US- 5,486,358	01-23-1996	Coleman et al.	
	A58	US- 5,510,084	04-23-1996	Cros et al.	
	A59	US- 5,525,319	06-11-1996	Woodard et al.	
	A60	US- 5,543,305	08-08-1996	Cummins et al.	
	A61	US- 5,585,236	12-17-1996	Bonn et al.	
	A62	US- 5,595,649	01-21-1997	Markell et al.	
	A63	US- 5,610,287	03-11-1997	Nikiforov et al.	
	A64	US- 5,620,663	04-15-1997	Aysta et al.	
	A65	US- 5,620,852	04-15-1997	Lin et al.	
	A66	US- 5,625,053	04-29-1997	Kresheck et al.	
	A67	US- 5,635,060	06-03-1997	Hagen et al.	
	A68	US- 5,637,687	06-10-1997	Wiggins	
	A69	US- 5,639,372	06-17-1997	Hagen et al.	
	A70	US- 5,688,370	11-18-1997	Hagen et al.	
	A71	US- 5,702,610	12-30-1997	Hagen et al.	
	A72	US- 5,709,943	01-20-1998	Coleman et al.	
	A73	US- 5,738,790	04-14-1998	Hagen et al.	
	A74	US- 5,741,828	08-21-1998	Stoy et al.	
	A75	US- 5,786,208	07-28-1998	Clark et al.	
	A76	US- 5,804,684	09-08-1998	Su	
	A77	US- 5,834,583	11-10-1998	Hancock et al.	
	A78	US- 5,882,621	03-16-1999	Bouvier et al.	
	A79	US- 5,904,848	05-18-1999	Wong et al.	
	A80	US- 5,919,626	07-06-1999	Shi et al.	
	A81	US- 5,976,367	11-02-1999	Bouvier et al.	
	A82	US- 5,993,935	11-30-1999	Rasmussen et al	
	A83	US- 5,997,818	12-07-1999	Hacker et al.	
✓	A84	US- 5,999,935	12-07-1999	Clark et al.	

\*Examiner:

Date Considered:

9/17/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw lines through citation if not in  
PAGE 40/48 \* RCVD AT 7/5/2007 11:26:38 AM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-3/15 \* DNIS:2738300 \* CSID:6123051228 \* DURATION (mm:ss):15:00

Substitute for form 1449A/PTO (revised)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 4 of 11

Application Number 10/810,738

Filing Date March 26, 2004

First Named Inventor Haddad, Louis C.

Art Unit 1642

Examiner Name

Attorney Case Number 59343US003

### U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
D✓	A85	US- 6,007,690	12-28-1999	Nelson et al.	
	A86	US- 6,048,457	04-11-2000	Kopaciewicz et al.	
	A87	US- 6,048,550	04-11-2000	Chan et al.	
	A88	US- 6,063,838	05-16-2000	Patnode et al.	
	A89	US- 6,071,406	06-06-2000	Tsou	
	A90	US- 6,074,827	06-13-2000	Nelson et al.	
	A91	US- 6,074,927	06-13-2000	Kepler et al.	
	A92	US- 6,084,091	07-04-2000	Müller et al.	
	A93	US- 6,093,559	07-25-2000	Bookbinder et al.	
	A94	US- 6,103,199	08-15-2000	Bjornson et al.	
	A95	US- 6,200,474 B1	03-13-2001	Kopaciewicz et al.	
	A96	US- 6,207,251 B1	03-27-2001	Balsimo et al.	
	A97	US- 6,254,780 B1	07-03-2001	Bouvier et al.	
	A98	US- 6,261,497 B1	07-17-2001	Wong et al.	
	A99	US- 6,265,168 B1	07-24-2001	Gjerde et al.	
	A100	US- 6,277,488 B1	08-21-2001	Kobe et al.	
	A101	US- 6,284,113 B1	09-04-2001	Bjornson et al.	
	A102	US- 6,306,273 B1	10-23-2001	Wainright et al.	
	A103	US- 6,319,469 B1	11-20-2001	Mian et al.	
	A104	US- 6,344,326 B1	02-05-2002	Nelson et al.	
	A105	US- 6,383,783 B1	05-07-2002	Haddad	
	A106	US- 6,428,707 B1	08-08-2002	Berg et al.	
	A107	US- 6,450,047 B2	09-17-2002	Swedberg et al.	
	A108	US- 6,451,260 B1	09-17-2002	Düsterhoff et al.	
	A109	US- 6,479,300 B1	11-12-2002	Jiang et al.	
	A110	US- 6,517,136 B2	09-09-2003	Parthasarathy et al.	
	A111	US- 6,632,399 B1	10-14-2003	Kellogg et al.	
✓	A112	US- 6,664,104 B2	12-16-2003	Pourahmadi et al.	

\*Examiner:

Date Considered:

7/17/07

Substitute for form 1449A/PTO (revised)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 5 of 11

Application Number	10/810,738
Filing Date	March 26, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642
Examiner Name	
Attorney Case Number	59343US003

## U.S. Patent Documents

Exam. Init*	Cite No.	Document Number <small>Doc. Number-(Kind Code if Known)</small>	Publication Date or Issue Date <small>MM-DD-YYYY</small>	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DV	A113	US- 6,664,354 B2	12-16-2003	Savu et al.	
	A114	US- 6,692,596 B2	02-17-2004	Moll et al.	
	A115	US- 6,720,187 B2	04-13-2004	Bedingham et al.	
	A116	US- 6,723,236 B2	04-20-2004	Fisk et al.	
	A117	US- 6,730,516 B2	05-04-2004	Jedrzejewski et al.	
	A118	US- 6,734,401 B2	05-11-2004	Bedingham et al.	
	A119	US- 6,780,818 B2	08-24-2004	Gundel et al.	
	A120	US- 2002/0046966 A1	04-25-2002	Muscate-Magnussen	
	A121	US- 2002/0048533 A1	04-25-2002	Harms et al.	
	A122	US- 2002/0064885 A1	05-30-2002	Bedingham et al.	
	A123	US- 2002/0155034 A1	10-24-2002	Perman et al.	
	A124	US- 2002/0182114 A1	12-05-2002	Ingenhoven et al.	
	A125	US- 2003/0011092 A1	01-16-2003	Tan et al.	
	A126	US- 2003/0017567 A1	01-23-2003	Parthasarathy et al.	
	A127	US- 2003/0018177 A1	01-23-2003	Haddad	
	A128	US- 2003/0053934 A1	03-20-2003	Andersson et al.	
	A129	US- 2003/0062310 A1	04-03-2003	Zare et al.	
	A130	US- 2003/0120062 A1	06-26-2003	Parthasarathy et al.	
	A131	US- 2003/0138779 A1	07-24-2003	Parthasarathy et al.	
	A132	US- 2003/0139549 A1	07-24-2003	Savu et al.	
	A133	US- 2003/0155034 A1	08-21-2003	De Beukeler et al.	
	A134	US- 2003/0228701 A1	12-11-2003	Wong et al.	
	A135	US- 2003/0228706 A1	12-11-2003	Ramstad et al.	
	A136	US- 2004/0016702 A1	01-29-2004	Hennessy et al.	
	A137	US- 2004/0018116 A1	01-29-2004	Desmond et al.	
DV	A138	US- 2004/0018559 A1	01-29-2004	Lau et al.	

\*Examiner:

Date Considered:

9/19/07

Substitute for form 1449A/PTO (m. 10/03)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 6 of 11

Application Number 10/810,738

Filing Date March 26, 2004

First Named Inventor Haddad, Louis C.

Art Unit 1642

Examiner Name

Attorney Case Number 59343US003

## Foreign Patent Documents

Exam. Unit*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Figures Appear	Translation (Check if yes)
		Ctry. Code				
DV	B1	EP	0 309 259 A2, A8	Toa Nenryo KKK		
	B2	EP	0 309 259 B1	Toa Nenryo KKK		
	B3	EP	0 389 063 A2, A3	AKZO N.V.		
	B4	EP	0 389 063 B1	AKZO Nobel N.V.		
	B5	EP	0 409 432 A2, A8	Warner Lambert Co.		
	B6	EP	0 426 488 A1	Nihon Chemical Research Kabushiki Kalsha		
	B7	EP	0 426 488 B1	Nihon Chemical Research Kabushiki Kalsha		
	B8	EP	0 447 362 A1	Warner-Lambert Co.		
	B9	EP	0 524 864 A1	Bio Merieux	ONLY → English Abstract	
	B10	EP	0 524 864 B1	Bio Merieux	ONLY → English Abstract	
	B11	EP	0 572 907 A2, A3	Becton, Dickinson & Co.		
✓	B12	EP	0 897 978 A2, A8	Becton, Dickinson & Co.		
	B13	JP	2-268-682	Hitachi Ltd.		English Abstract
			ILLEGIBLE - MACHINE EXALTATION ?			
DV	B14	JP	2-295-485	Nissho Corp.	ONLY → English Abstract	
	B15	JP	7-265718	Mitsubishi Chem. Corp.		English Abstract
			ILLEGIBLE - ACTIVE EXALTATION			
DV	B16	JP	9-302-034	Komiyama Makoto	ONLY → English Abstract	
	B17	WIPO	90/10637 A1	EI DuPont De Nemours & Co.		
	B18	WIPO	92/18514 A1	Minnesota Mining & Manufacturing Company		
✓	B19	WIPO	94/00464 A1	Minnesota Mining & Manufacturing Company		

\*Examiner:

Date Considered:

9/17/04

Substitute for form 1449A/PTO (revised)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 7 of 11

Application Number	10/810,738
Filing Date	March 26, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642
Examiner Name	
Attorney Case Number	59343US003

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code				
✓	B20	WIPO	95/24505 A1	09-14-1995	Amersham Int'l PLC	
	B21	WIPO	97/07239 A1	02-27-1997	Max-Planck-Gesellschaft	ONLY - English Abstract
	B22	WIPO	97/27325 A2, A3	07-31-1997	Darwin Molecular Corp.	
	B23	WIPO	98/04909 A1	02-05-1998	Soane Biosciences	
	B24	WIPO	99/15876 A1	04-01-1999	Aclara Biosciences, Inc.	
	B25	WIPO	99/15888 A1	04-01-1999	Aclara Biosciences, Inc.	
	B26	WIPO	99/22021 A1	05-06-1999	Qiagen	ONLY - English Abstract
	B27	WIPO	99/23487 A1	05-14-1999	Akerman et al.	
	B28	WIPO	99/28504 A1	06-10-1999	Curagen Corp.	
	B29	WIPO	99/39120 A1	08-05-1999	Univ. of Pittsburgh	
	B30	WIPO	99/40174 A1	08-12-1999	Aclara Biosciences, Inc.	
	B31	WIPO	99/46591 A2, A3	09-16-1999	Strategic Diagnostics, Inc.	
	B32	WIPO	00/45180 A1	08-03-2000	3M Innovative Properties Co.	
	B33	WIPO	00/62051 A2, A3	10-19-2000	Aclara Biosciences Inc.	
	B34	WIPO	00/68336 A1	11-16-2000	3M Innovative Properties Co.	
	B35	WIPO	01/03149 A1	01-11-2001	DNA Research Instruments Limited	
	B36	WIPO	01/12327 A	02-22-2001	UT-Battelle, LLC	
	B37	WIPO	01/21632 A1	03-29-2001	3M Innovative Properties Co.	
	B38	WIPO	01/25490 A1	04-12-2001	Prolinx, Inc.	
	B39	WIPO	01/30873 A1	05-03-2001	3M Innovative Properties Co.	
	B40	WIPO	01/37291 A1	05-25-2001	Roche Diagnostics GMBH	
✓	B41	WIPO	01/38516 A1	05-31-2001	Amersham Pharmacia Biotech AB	

\*Examiner:

Date Considered:

9/17/07

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 809. Draw line through citation if not in

Substitute for form 1449A/PTO (ml ad)		Application Number	10/810,738
		Filing Date	March 26, 2004
		First Named Inventor	Haddad, Louis C.
		Art Unit	1642
		Examiner Name	
		Attorney Case Number	59343US003

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Page 8 of 11

Foreign Patent Documents						
Exam. Init.*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or ... Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code				
DV	B42	WIPO	01/38865 A1	05-31-2001	The Governors of the Univ. of Alberta	
	B43	WIPO	01/68240 A2, A3	09-20-2001	Hammen Corp.	
	B44	WIPO	01/68913 A2, A3	09-20-2001	Genset	
	B45	WIPO	01/71732 A2, A3	09-20-2001	Qiagen GMBH	
	B46	WIPO	02/44400 A2, A3	06-06-2002	PE Corporation	
	B47	WIPO	04/009851 A2	01-29-2004	Applera Corp.	
	B48	WIPO	04/010760 A2	02-05-2004	Applera Corp.	
	B49	WIPO	04/011141 A1	02-05-2004	Applera Corp.	
	B50	WIPO	04/011142 A1	02-05-2004	Applera Corp.	
	B51	WIPO	04/011592 A2, A3	02-05-2004	Applera Corp.	
✓	B52	WIPO	04/011681 A1	02-05-2004	Applera Corp.	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
DV	C1	3M Material Safety Data Sheet for FC-4430 FLUORAD™ Fluorosurfactant (9 pgs) (May 7, 2003).
	C2	3M Material Safety Data Sheet for 3M™ FLUORAD™ Fluorosurfactant FC-4432 (9 pgs) (May 21, 2003).
	C3	"ABI Prism® BigDye™ Terminators v3.0 Cycle Sequencing Kit," product information [online]. Applied Biosystems, 2000, 2001 [retrieved 2001-12-03]. Retrieved from the Internet: <URL: <a href="http://www.appliedbiosystems.com/products/productdetail.cfm?id=81">http://www.appliedbiosystems.com/products/productdetail.cfm?id=81</a> >, pg. 1.
	C4	AL-SOUD et al.; "Purification and Characterization of PCR-Inhibitory Components in Blood Cells," <i>Journal of Clinical Microbiology</i> ; Vol. 39(2); pp. 485-493 (2001).
	C5	ALTSCHELER et al.: "Benchmarks: Plasmid DNA Isolation Utilizing a Novel Nonionic Detergent," <i>BioTechniques</i> ; Vol. 17(3); pp. 434, 436 (1994).
✓	C6	American Society of Testing Materials, "ASTM D 570-98, Standard Test Method for Water Absorption of Plastics," <i>Annual Book of ASTM Standards</i> , pgs. 31-33 and Title page (January 2001).

\*Examiner:

Date Considered:

9/17/07

Substitute for form 1449A/PTO (revised)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 9 of 11

Application Number	10/810,738
Filing Date	March 28, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642
Examiner Name	
Attorney Case Number	59343US003

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Init.	Cita No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
DV	C7	AutoSeq96 Dye Terminator Clean-up Kit / Adapter Plate for AutoSeq96," product catalogue [online]. Amersham Biosciences, 2001 [retrieved 2001-12-03]. Retrieved from the Internet: <URL: <a href="http://www.apbiotech.com/stiboasp/showmodule.asp?nModuleId=164360">http://www.apbiotech.com/stiboasp/showmodule.asp?nModuleId=164360</a> >, pgs. 1-2.
	C8	BARTL et al.; "Simple and Broadly Applicable Preparation by Use of Magnetic Glass Particles," <i>Clin Chem Lab Med</i> , Vol. 36(8), pp. 557-559 (1998).
	C9	"BLAST," National Institutes of Health [online] United States, [retrieved 10/23/00]. Retrieved from the Internet:<URL: <a href="http://www.ncbi.nlm.nih.gov/BLAST">http://www.ncbi.nlm.nih.gov/BLAST</a> >, 2 pgs.
	C10	BISCHOFF et al.; "Isolation of Specific tRNAs Using an Ionic-Hydrophobic Mixed-Mode Chromatographic Matrix," <i>Analytical Biochemistry</i> , Vol. 151; pp. 526-533 (1985).
	C11	QIAamp® DSP DNA Blood Mini Kit Handbook, 28 pages (January 2004).
	C12	BOOM et al., "Rapid and Simple Method for Purification of Nucleic Acids," <i>Journal of Clinical Microbiology</i> , 1990, March; Vol. 28, No. 3; pgs. 495-503. Publication page, and Title page.
	C13	BREADMORE et al.; "Microchip-Based Purification of DNA from Biological Samples," <i>Analytical Chemistry</i> ; Vol. 75(8); pp. 1880-1886 (2003).
	C14	BREZINSKI; "Laying the foundation for New Technologies 3M Creates a new building block for its fluorosurfactants," <i>Paintings and Coatings Industry</i> , (January 2003).
	C15	BUFFONE et al.; "Isolation of DNA from Biological Specimens without Extraction with Phenol," <i>Clinical Chemistry</i> , Vol. 31(1), pp. 164-165 (1985).
	C16	BURCKHARDT; "Amplification of DNA From Whole Blood," PCR Methods and Applications, <i>Cold Spring Harbor Laboratory Press</i> , Vol. 3, No. 4., pp. 239-243 (February 1994).
	C17	RUDBECK et al.; "Benchmarks: Rapid, Simple Alkaline Extraction of Human Genomic DNA from Whole Blood, Buccal Epithelial Cells, Semen and Forensic Stains for PCR," <i>BioTechniques</i> , Vol. 25(4), pp. 588-589, 592 (1998).
	C18	FRAKER et al., <i>Biochem. Biophys. Res. Commun.</i> , Vol. 80, pp. 849-857 (1978).
	C19	HUBER et al.; "High-performance liquid chromatographic separation of detritylated oligonucleotides on highly cross-linked poly-(styrene-divinylbenzene) particles," <i>Journal of Chromatography</i> ; Vol. 598; pp. 113-118 (1992).
	C20	JEFFREYS, et al., "DNA 'Fingerprints' and Segregation Analysis of Multiple Markers in Human Pedigrees," <i>American Journal of Human Genetics</i> , Vol. 39, pp 11-24 (1986).
↓	C21	KOGAN et al.; "An Improved Method for Prenatal Diagnosis of Genetic Diseases by Analysis of Amplified DNA Sequences, Application to Hemophilia A," <i>New England Journal of Medicine</i> , Vol. 317, pp. 985-990 (1987).
	C22	KROSCHWITZ et al., (Eds.); <i>Kirk-Othmer Encyclopedia of Chemical Technology</i> , 4 <sup>th</sup> Ed.; John Wiley and Sons; NY; Vol. 23; pp. 506-523 (1997). ← WHICH WORD?
DV	C23	NIELSEN et al.; "Peptide nucleic acid (PNA), a DNA mimic with a pseudopeptide backbone," <i>Chemical Society Review</i> , Vol. 26; pp. 73-78 (1997).

\*Examiner:

Date Considered:

9/13/07

Substitute for form 1449A/PTO (mL .ed)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 10 of 11

Application Number 10/810,738

Filing Date March 28, 2004

First Named Inventor Haddad, Louis C.

Art Unit 1642

Examiner Name

Attorney Case Number 59343US003

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam. Invl.*	Cita No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
✓	C24	TIAN et al.; "Evaluation of Silica Resins for Direct and Efficient Extraction of DNA from Complex Biological Matrices in a Miniaturized Format," <i>Analytical Biochemistry</i> , Vol. 283, pp. 175-191 (2000).
	C25	"Porex Corporate Profile," [online]. Porex Corporation, 2001 [retrieved 2001-12-05]. Retrieved from the Internet: <URL: <a href="http://www.porex.com/english/corporate/index.asp">http://www.porex.com/english/corporate/index.asp</a> >, pgs. 1-3.
	C26	"Porex Products Group," product profile [online]. Porex Corporation, 2001 [retrieved 2001-12-05]. Retrieved from the Internet: <URL: <a href="http://www.porex.com/english/porous/index.asp">http://www.porex.com/english/porous/index.asp</a> >, pgs. 1-2.
	C27	Product Information Brochure, "DuPont™ Zonyl® Fluoroadditives for Coatings Technical Information," (4 pgs) (March, 2003).
	C28	Product Information Brochure "3M Novec™ Fluorosurfactants FC-4430 / 3M™ Fluorad™ Fluorosurfactants are now 3M™ Novec™ Fluorosurfactants," (4 pgs), (October, 2003).
	C29	Product Information Brochure "Zonyl® Fluorosurfactants," (2 pgs), obtained from the Internet on December 1, 2003, <URL: <a href="http://web.singnet.com.sg/~paseden/dupont6.htm">http://web.singnet.com.sg/~paseden/dupont6.htm</a> > (April, 2003).
	C30	"Purification so fast it'll make your head spin: RapTract Dye Terminator Removal Kit," Proline Product Information, Bothell, WA, 2000. pgs. 1-6.
	C31	"3M Empore Products 96-Well Plates," product listing [online]. 3M Corporation, 1999 [retrieved 2001-12-05]. Retrieved from the Internet: <URL: <a href="http://www.mmm.com/empore/formats/Plates/sorbavlb/index.htm">http://www.mmm.com/empore/formats/Plates/sorbavlb/index.htm</a> >, pgs. 1-2.
	C32	"3M Empore Products Empore 96-Well Plates" SPE Extraction Disk Plates & Filter Plates, 3M Extraction Disk Plates for SPE," product listing [online]. 3M Corporation, 1999 [retrieved 2001-12-05]. Retrieved from the Internet: <URL: <a href="http://www.mmm.com/empore/formats/Plates/index.htm">http://www.mmm.com/empore/formats/Plates/index.htm</a> >, pgs. 1-2.
	C33	Takeuchi et al., "Ion Chromatography Using Anion Exchangers Modified with Anionic Polysaccharides," LCGC Magazine [online]. LCGC North America, 2001 [retrieved 2001-10-02]. Retrieved from the Internet: <URL: <a href="http://www.lcgcmag.com/articles/0004_articles/0004_Takeuchi/0004_Takeuchi.asp">http://www.lcgcmag.com/articles/0004_articles/0004_Takeuchi/0004_Takeuchi.asp</a> >, pgs. 1-12.
	C34	Tong, et al., "Solid-Phase Method for the Purification of DNA Sequencing Reactions," <i>Anal Chem</i> , 1992; Vol. 64, No. 22; pgs. 2672-2677, Publication page, and Title page.
	C35	Co-related U.S. Patent Application Serial No. 10/417,609 filed April 17, 2003 entitled "Methods and Devices for Removal of Organic Molecules from Biological Mixtures Using an Anion Exchange Material that Includes a Polyoxyalkylene" (3M Case No. 58301US002).
	C36	Co-related U.S. Patent Application Serial No. 60/532,404 filed December 24, 2003 entitled "Methods and Kits For Reducing Nonspecific Binding of Molecules to a Surface" (3M Case No. 59071US002).
	C37	Co-related U.S. Patent Application Serial No. 10/852,842 filed May 24, 2004 entitled "Variable Valve Apparatus and Methods" (3M Case No. 59071US003).
	C38	Co-related U.S. Provisional Application Serial No. 60/532,523 filed December 24, 2003 entitled "Methods for Nucleic Acid Isolation and Kits" (3M Case No. 59073US002).
	C39	Co-related U.S. Patent Application Serial No. 10/852,645 filed May 24, 2004 entitled "Methods for Nucleic Acid Isolation and Kits Using Solid Phase Material" (3M Case No. 59073US003).
✓	C40	Co-related U.S. Patent Application Serial No. 60/532,523 filed December 24, 2003 entitled "Methods and Kits for Reducing Nonspecific Binding of Molecules to a Surface" (3M Case No. 59343US002).

\*Examiner:

Date Considered:

9/19/07

Substitute for form 1449A/PTO (mc. ed)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 11 of 11

Application Number	10/810,738
Filing Date	March 28, 2004
First Named Inventor	Haddad, Louis C.
Art Unit	1642
Examiner Name	
Attorney Case Number	59343US003

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
DV	C41	Co-related U.S. Patent Application Serial No. 10/852,085 filed May 24, 2004 entitled "Methods for Nucleic Acid Isolation and Kits Using a Microfluidic Device and Concentration Step" (3M Case No. 59801US002).
DV	C42	Co-related U.S. Patent Application Serial No. 10/852,022 filed May 24, 2004 entitled "Methods for Nucleic Acid Isolation And Kits Using a Microfluidic Device and Sedimenting Agent" (3M Case No. 59802US002).

\*Examiner:

Date Considered:

9/17/07